10

BuyWiz Shopping List

MENU

Tester Tester
- **My Shopping List**
- From Friends
- Purchased Items
- Deleted Items

| NAME | PRICE | SITE |
|---|---|---|
| 50 wa comic books all new | $50.00 | www.ebay.com |
| Mushrooms: 6 Wonderful Stamps and... | $5.50 | www.ebay.com |
| Mushrooms: 6 Marvelous Stamps and... | $5.50 | www.ebay.com |
| **VHR Watchwere and la Piccionlion** | **$39.99** | **www.barnesandnoble.c** |
| Encarta World English Dictionary | $35.00 | www.barnesandnoble.c |
| Hearts in Atlantis | $16.80 | www.barnesandnoble.c |
| Flu | $12.59 | www.barnesandnoble.c |
| The DK Children's Illustrated Encyclo... | $27.95 | www.barnesandnoble.c |
| Tin House Magazine, Premiere Issue | $9.95 | www.barnesandnoble.c |
| Miss Spider Backpack | $34.95 | www.barnesandnoble.c |

Illustration 1. The BuyWiz Universal Shopping Cart contains items to be purchased from multiple merchants

FIG. 1

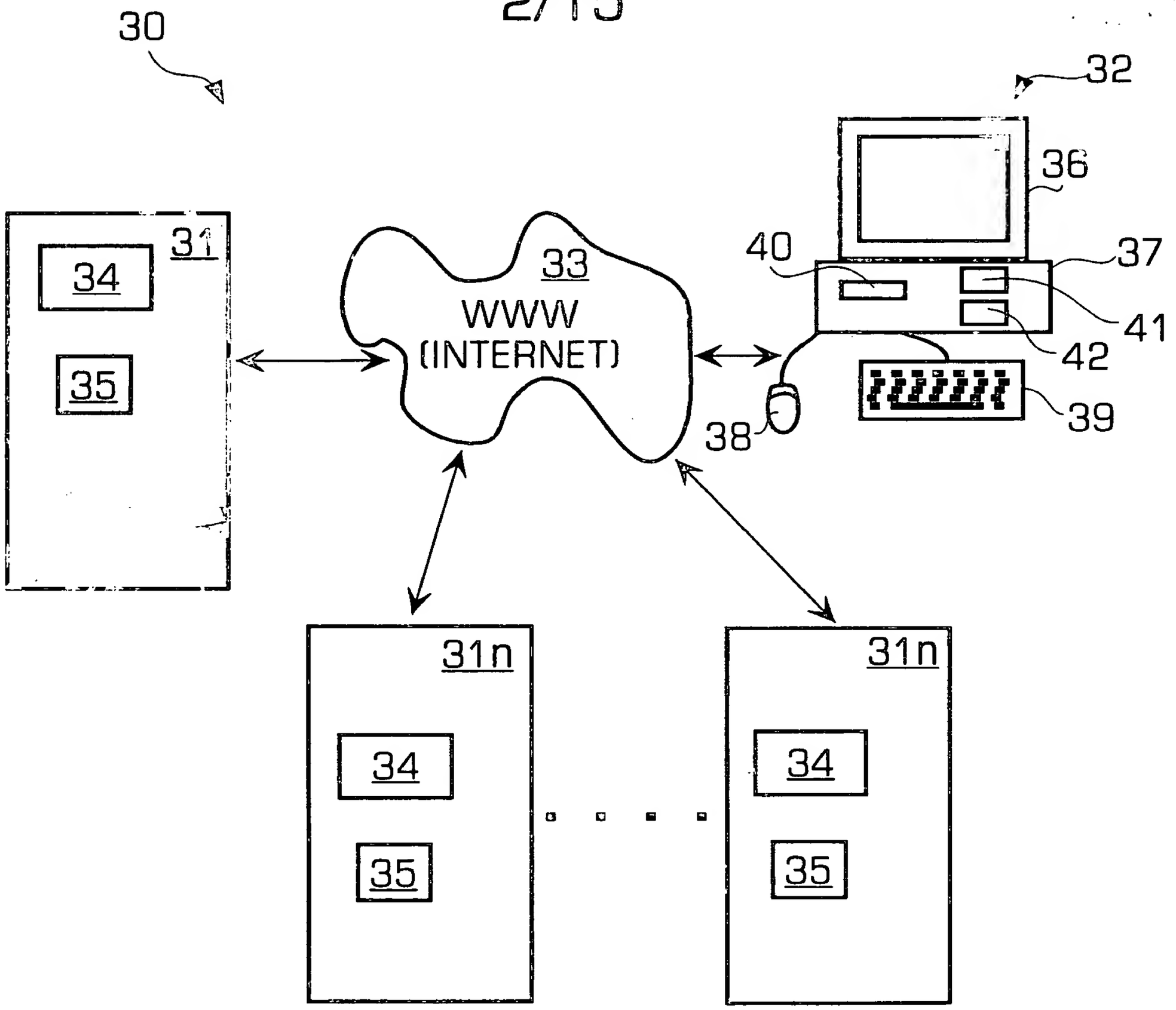
30
32
36
40
37
41
42
39
38
31
34
35
33
WWW
(INTERNET)
31n
34
35
31n
34
35

FIG. 2

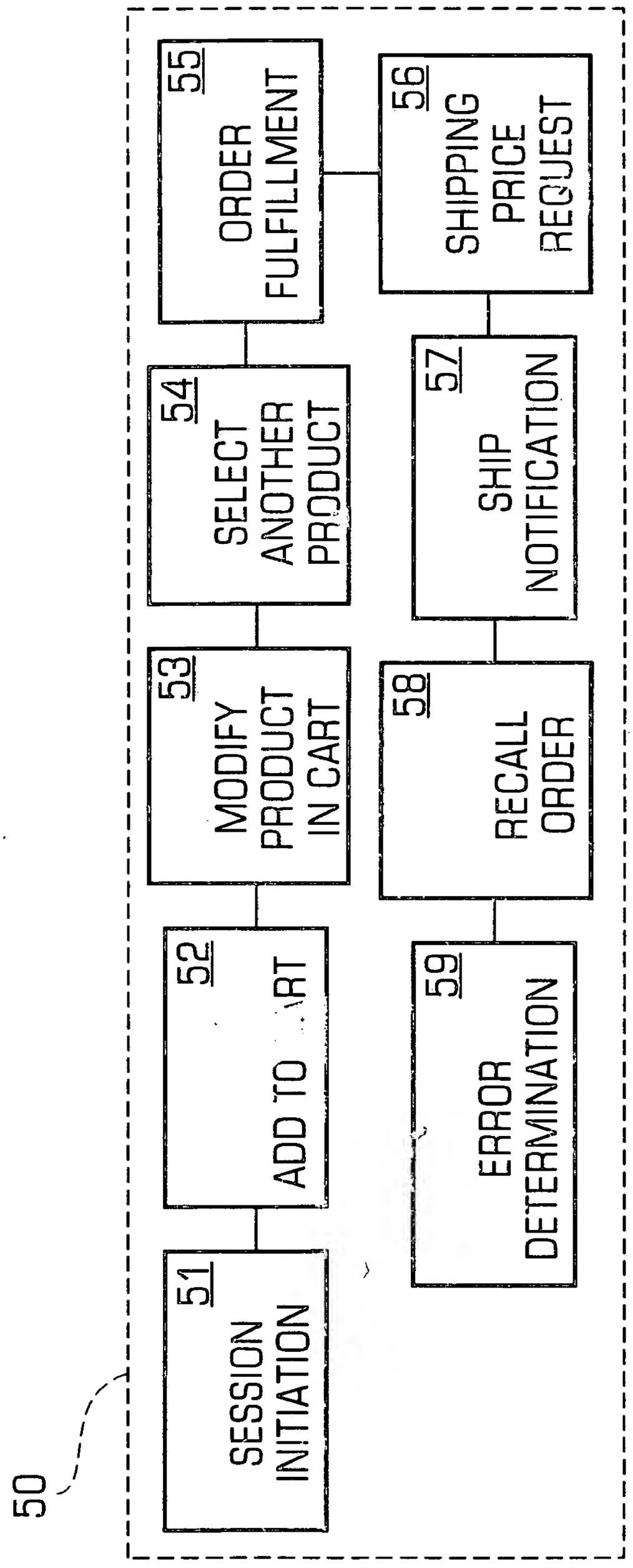
50
51
SESSION INITIATION
52
ADD TO
53
MODIFY PRODUCT IN CART
54
SELECT ANOTHER PRODUCT
55
ORDER FULFILLMENT
56
SHIPPING PRICE REQUEST
57
SHIP NOTIFICATION
58
RECALL ORDER
59
ERROR DETERMINATION

FIG. 3

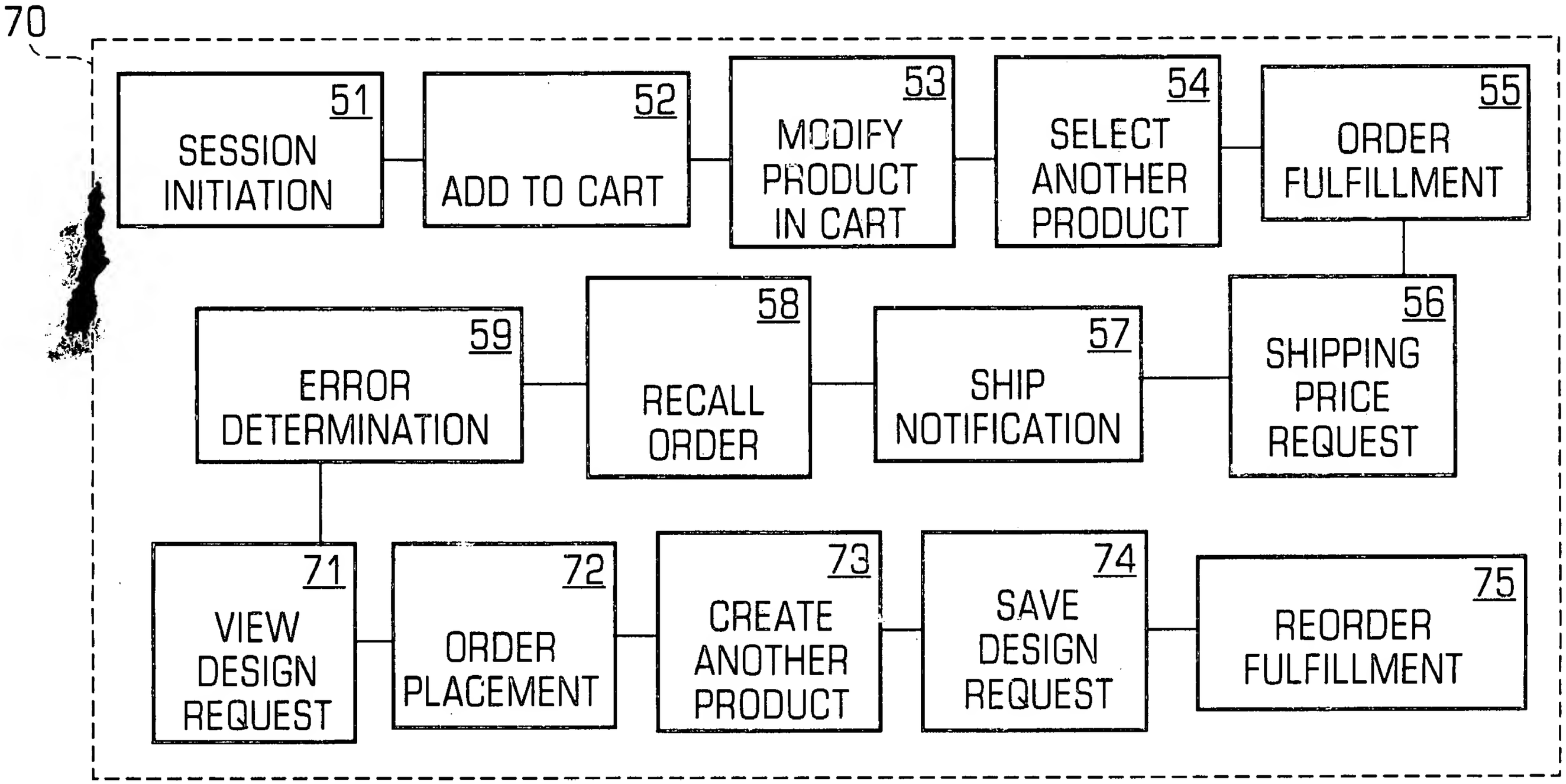
70
51
SESSION INITIATION
52
ADD TO CART
53
MODIFY PRODUCT IN CART
54
SELECT ANOTHER PRODUCT
55
ORDER FULFILLMENT
56
SHIPPING PRICE REQUEST
57
SHIP NOTIFICATION
58
RECALL ORDER
59
ERROR DETERMINATION
71
VIEW DESIGN REQUEST
72
ORDER PLACEMENT
73
CREATE ANOTHER PRODUCT
74
SAVE DESIGN REQUEST
75
REORDER FULFILLMENT

FIG. 4

ikiosk Integration Test Site-Netscape

File Edit View Go Communicator Help

ck Forward Reload Home Search Netscape Print Security Shop Stop

ark Netsite: http://request.ikiosk.com/page2.html

79

**gration Testing Tool**

Initiate Session | Create Another Product | Modify Product in Cart | Recall Order Request | Add to Cart Request Ack.

Valid Link:

http://request.ikiosk.com/cgi-shl/test/initiate.cgi?vID=3&SessionID=123&Label=Letterhead100&UI=true

Click Here

Invalid Vendor Number:

http://request.ikiosk.com/cgi-shl/test/initiate.cgi?vID=4&SessionID=123&Label=Letterhead100&UI=true

Click Here

Invalid Label:

http://request.ikiosk.com/cgi-shl/test/initiate.cgi?vID=3&SessionID=123&Label=Letter&UI=true

Click Here

iPRINT.com Copyright© 1996-2000. iPrint.com, inc. All Rights Reserved Worldwide

5/15

FIG. 5

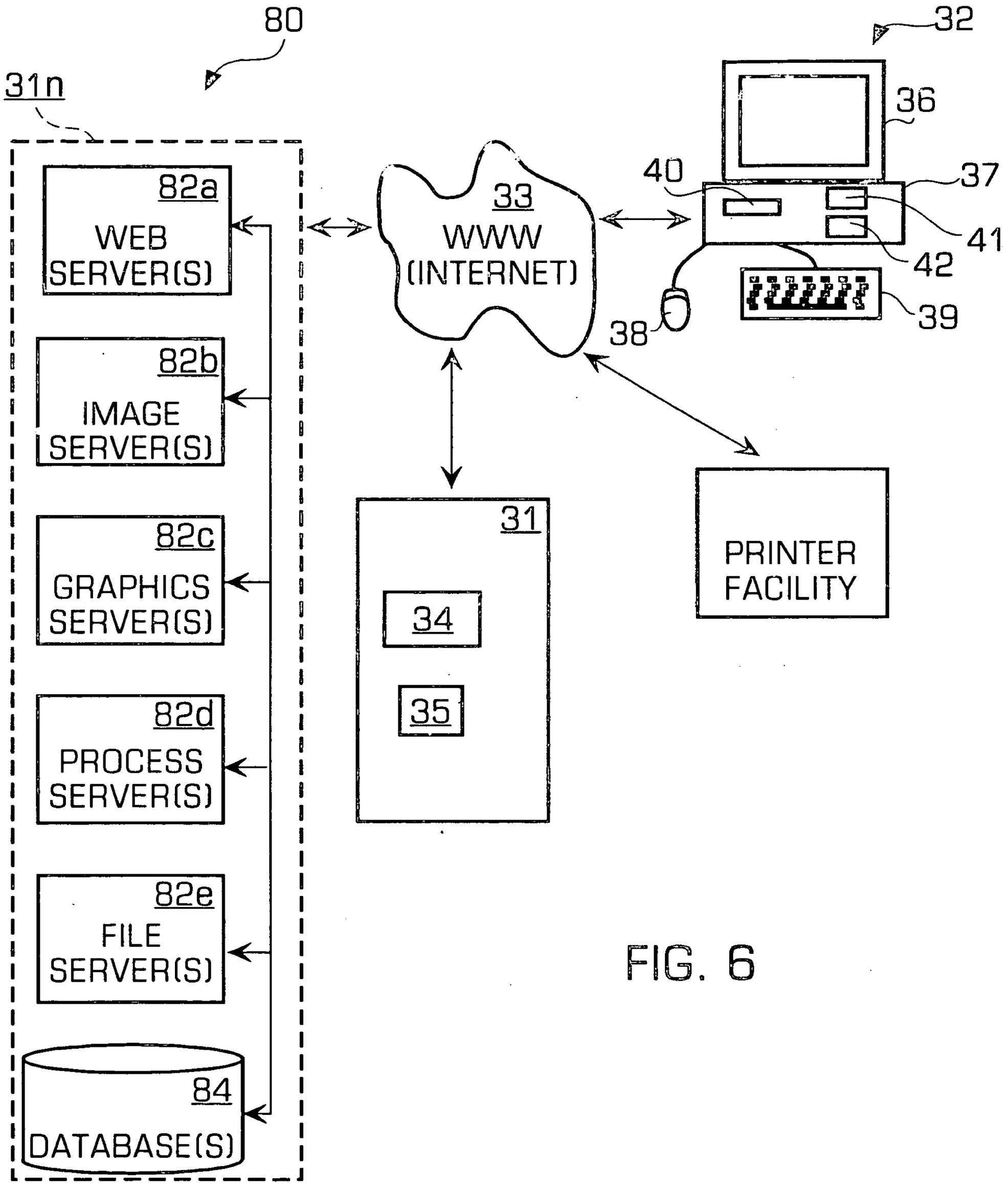
80
31n
82a
WEB SERVER(S)
82b
IMAGE SERVER(S)
82c
GRAPHICS SERVER(S)
82d
PROCESS SERVER(S)
82e
FILE SERVER(S)
84
DATABASE(S)
33
WWW (INTERNET)
32
36
37
40
41
42
38
39
31
34
35
PRINTER FACILITY

FIG. 6

WELCOME TO IPRINT.COM- MICROSOFT INTERNET EXPLORER

File Edit View Go Favorites Help

Back Forward Stop Refresh Home | Search Favorites History Channels | Fullscreen Mail Print Edit

Address http://www2.iprint.com/cgi-shl/index.cgi?date=99%3A11%3A15%3A17%3A50%3A57 Links

90

iPRINT.com

Your Account | Get Saved Work | Price List | Customer Service

Business Cards

Need a Special Quote on High Volume Printing? CLICK HERE go

Specials | Business & Stationery | Gifts & Apparel | Promotional items | Free eCards

**Professional Printing Over the Internet. Save Time and Money. Guaranteed!**

**Try One of our iPrint Shops:**

- iPrint Home
- Pet Shop
- Baby Shop
- Moving Shop

Sign-up for Special Offers!

Type Email Here

Free! address labels

Newcomer? Make your first order our 300 label deal with dispenser! pay shipping only.

15% off INDIVIDUAL PRICES! NEW business bundle

Business cards, Letterhead, Envelopes. Our products in one coordinated set. Just design your card and all 3 are ready to print.

Business bundle

20%OFF ORIGINAL PRICE! holiday greetingcards

Personalize the holidays-- send elegant greeting cards to friends & family. Over 100 cards available!

add your photo & graphics

Make this holiday memorable. Put a family photo on an ornament you'll use year after year!

http://www2.iprint.com/cgi-shl/index.cgi?sID=1999111517/3 Internet zone

7/15

FIG. 7

DESIGN STUDIO- MICROSOFT INTERNET EXPLORER

File Edit View Go Favorites Help

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

Address http://www9.iprint.com/cgi-shl/hub.cgi?sID=1999110311/028231e127b4c2ee-4&level=1501&file=100/bcard/hcard/single/layoute.des

Links

**Design Studio** Current Price & Quantity Print Proof Email It

Add to Shopping Cart

CHANGES: TEXT GRAPHICS COLORS FONTS SIZE MOVE NUDGE PAPER CARD SIZE LAYOUT

SAVE WORK-IN-PROGRESS

(Allow a few moments for updating.)

**Your Company Here**

**Your name Here**
Your Title Here

Graphic Here

Address
City, State, Zip
Telephone: (000) 555-1234
Fax: (000) 555-4321
email: name@xyz.com

Your Message Here

www.iPrint.com © 1996-1999 iPrint. inc.

Add to Shopping Cart

powered by iPrint.com Copyright © 1996-1999 iPrint.com All Rights Reserved Worldwide. Terms and Conditions

Done

Internet zone

95

8/15

FIG. 8A

100

Layouta.des - Notepad

File Edit Search Help

```
PRODUCT=bcard/hcard/single
PRODUCT_SIZE=0,0,3.5,2
LAYOUT_NAME=LAYOUTA.DES
BACKGROUND=
ZOOM=1
GRAPHIC_START
  FILE=hidden\default.wmf
  NAME=Graphic
  BOX=2.7125,0.745,3.3125,1.255
  COLOR=BLACK
  ALIGNMENT=RIGHT
  SPACING=MIDDLE
  MOVE_BOX=0.4,0.1875,3.3125,1.8125
  SBOX=2.710417,0.7447916,3.314584,1.255208
GRAPHIC_END
LINE_START
  NAME=Line
  BOX=0.3,0.1875,0.3,1.8125
  COLOR=BLACK
  MOVE_BOX=0.4,0.1875,3.3125,1.8125
  WIDTH=1
  STYLE=0
LINE_END
TEXT_START
  NAME=Name
  TEXT=Your Name Here
  FONT=Arial
  FONTATTR=BOLD
  FONTSIZE=8
  BOX=0.4,0.1875,3.3125,1.8125
  COLOR=BLACK
```

FIG. 8B

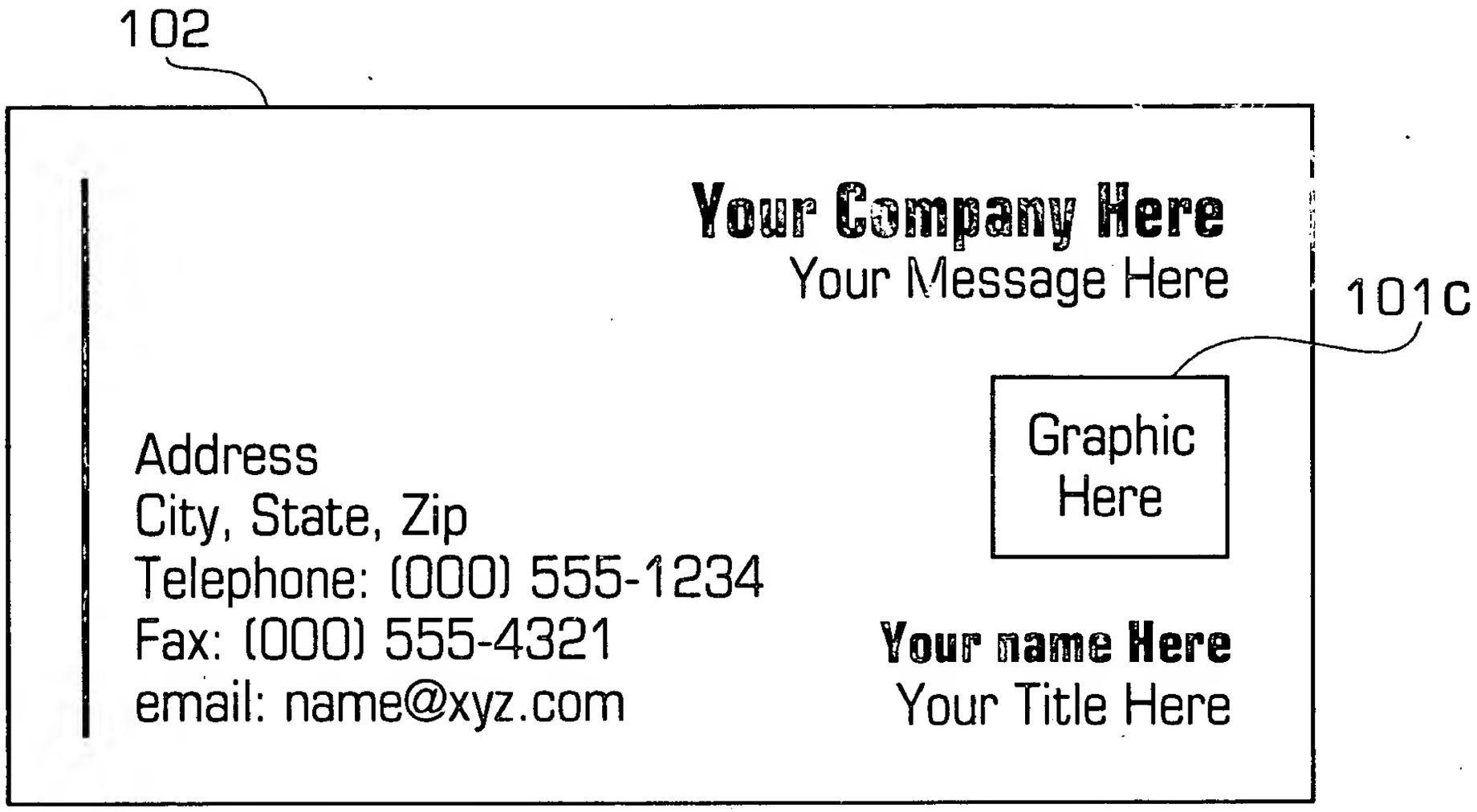
102
Your Company Here
Your Message Here
101c
Graphic Here
Address
City, State, Zip
Telephone: (000) 555-1234
Fax: (000) 555-4321
email: name@xyz.com
Your name Here
Your Title Here

FIG. 8C

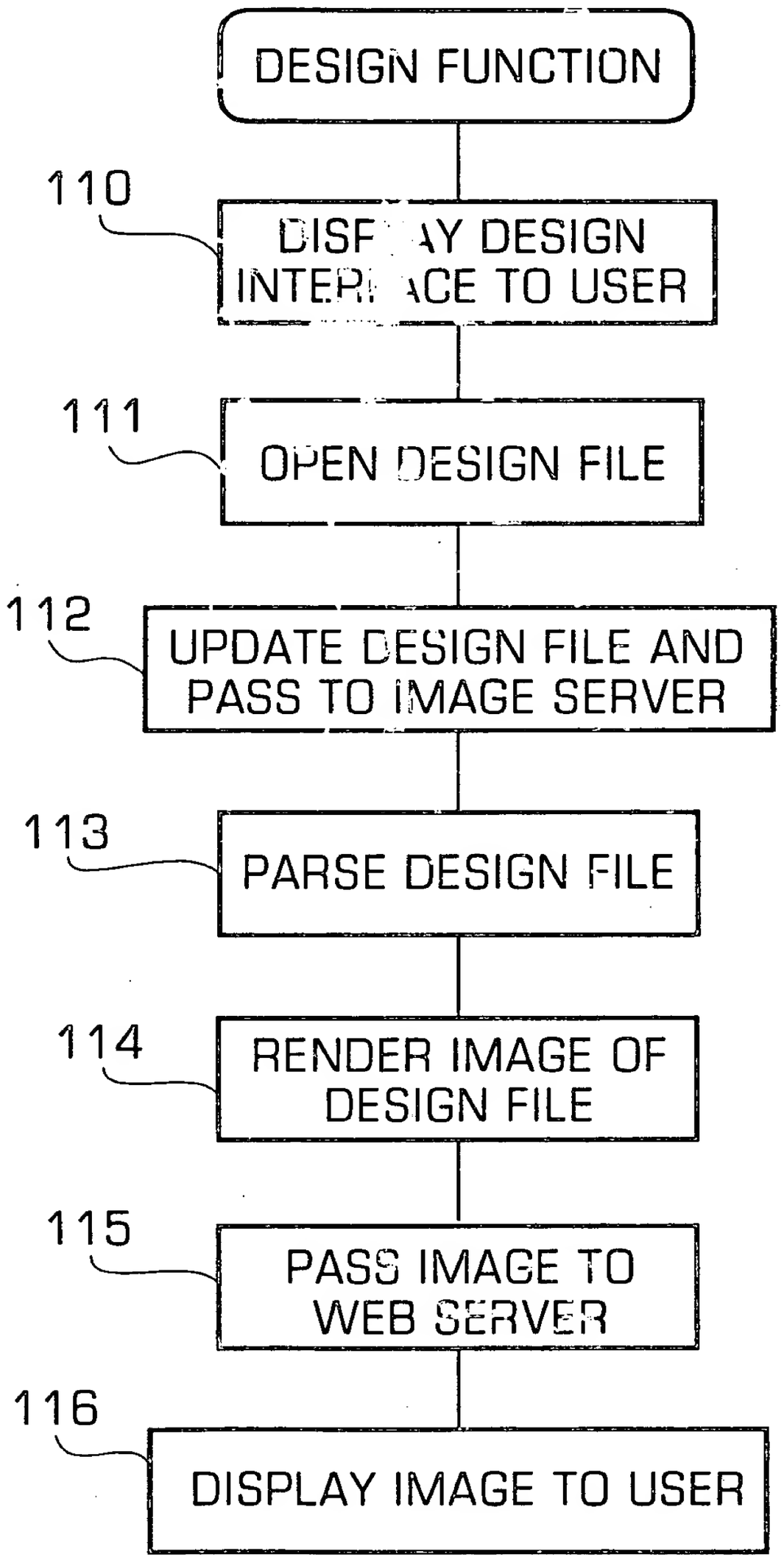
DESIGN FUNCTION
110
DISPLAY DESIGN INTERFACE TO USER
111
OPEN DESIGN FILE
112
UPDATE DESIGN FILE AND PASS TO IMAGE SERVER
113
PARSE DESIGN FILE
114
RENDER IMAGE OF DESIGN FILE
115
PASS IMAGE TO WEB SERVER
116
DISPLAY IMAGE TO USER

FIG. 9

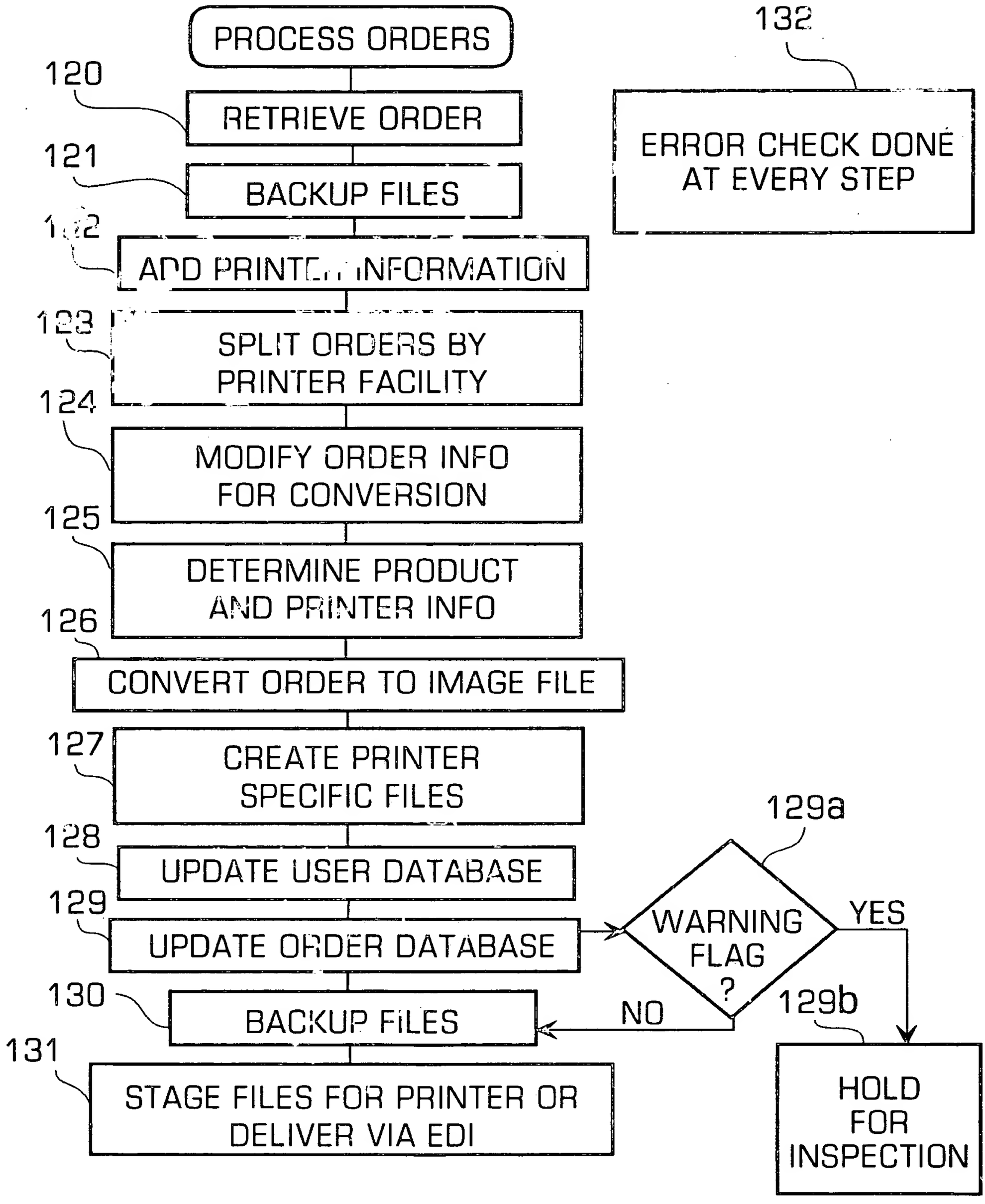
PROCESS ORDERS
120
RETRIEVE ORDER
121
BACKUP FILES
122
ADD PRINTER INFORMATION
123
SPLIT ORDERS BY PRINTER FACILITY
124
MODIFY ORDER INFO FOR CONVERSION
125
DETERMINE PRODUCT AND PRINTER INFO
126
CONVERT ORDER TO IMAGE FILE
127
CREATE PRINTER SPECIFIC FILES
128
UPDATE USER DATABASE
129
UPDATE ORDER DATABASE
130
BACKUP FILES
131
STAGE FILES FOR PRINTER OR DELIVER VIA EDI
132
ERROR CHECK DONE AT EVERY STEP
129a
WARNING FLAG ?
YES
NO
129b
HOLD FOR INSPECTION

FIG. 10

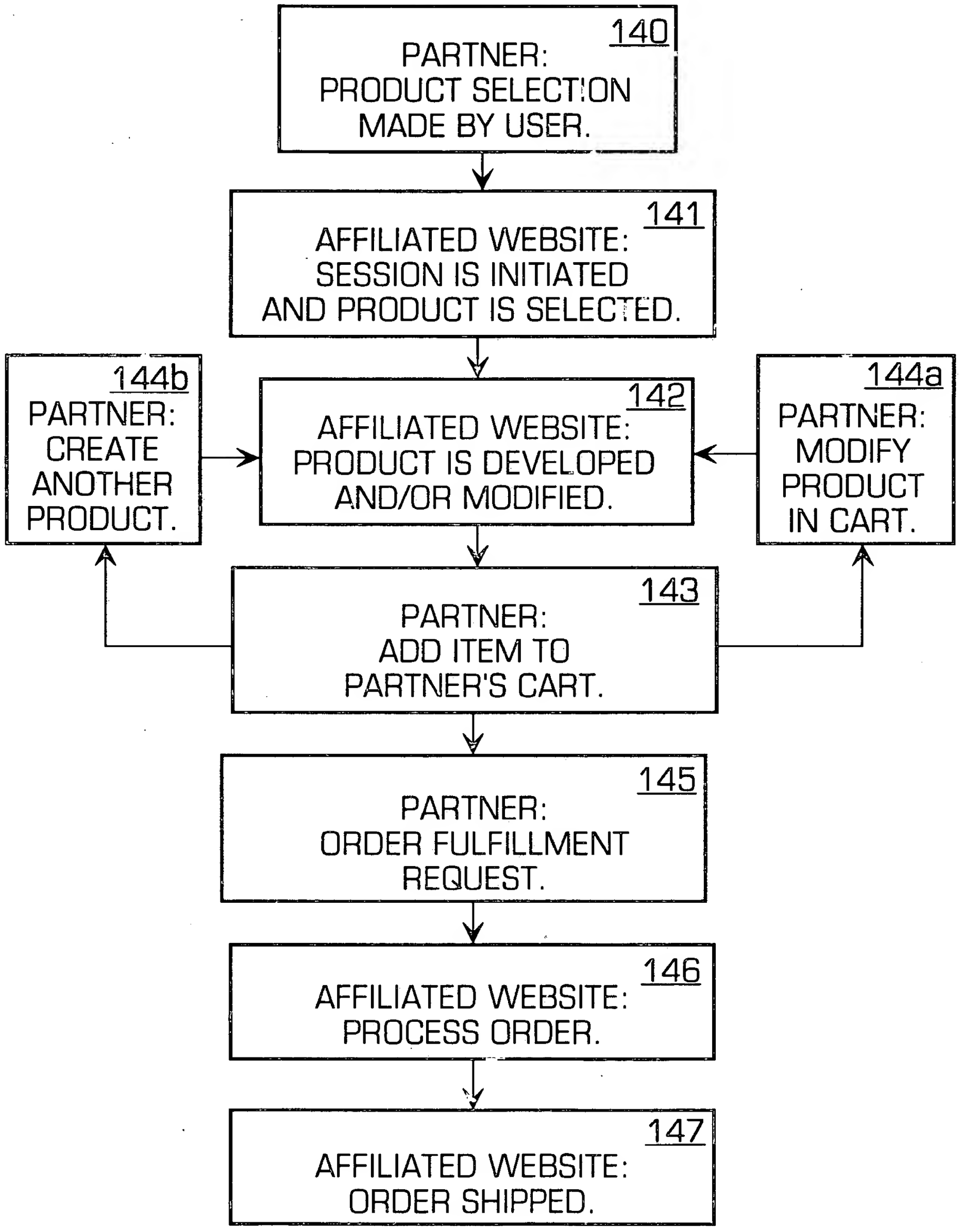
140
PARTNER:
PRODUCT SELECTION
MADE BY USER.
141
AFFILIATED WEBSITE:
SESSION IS INITIATED
AND PRODUCT IS SELECTED.
144b
PARTNER:
CREATE
ANOTHER
PRODUCT.
142
AFFILIATED WEBSITE:
PRODUCT IS DEVELOPED
AND/OR MODIFIED.
144a
PARTNER:
MODIFY
PRODUCT
IN CART.
143
PARTNER:
ADD ITEM TO
PARTNER'S CART.
145
PARTNER:
ORDER FULFILLMENT
REQUEST.
146
AFFILIATED WEBSITE:
PROCESS ORDER.
147
AFFILIATED WEBSITE:
ORDER SHIPPED.

FIG. 11

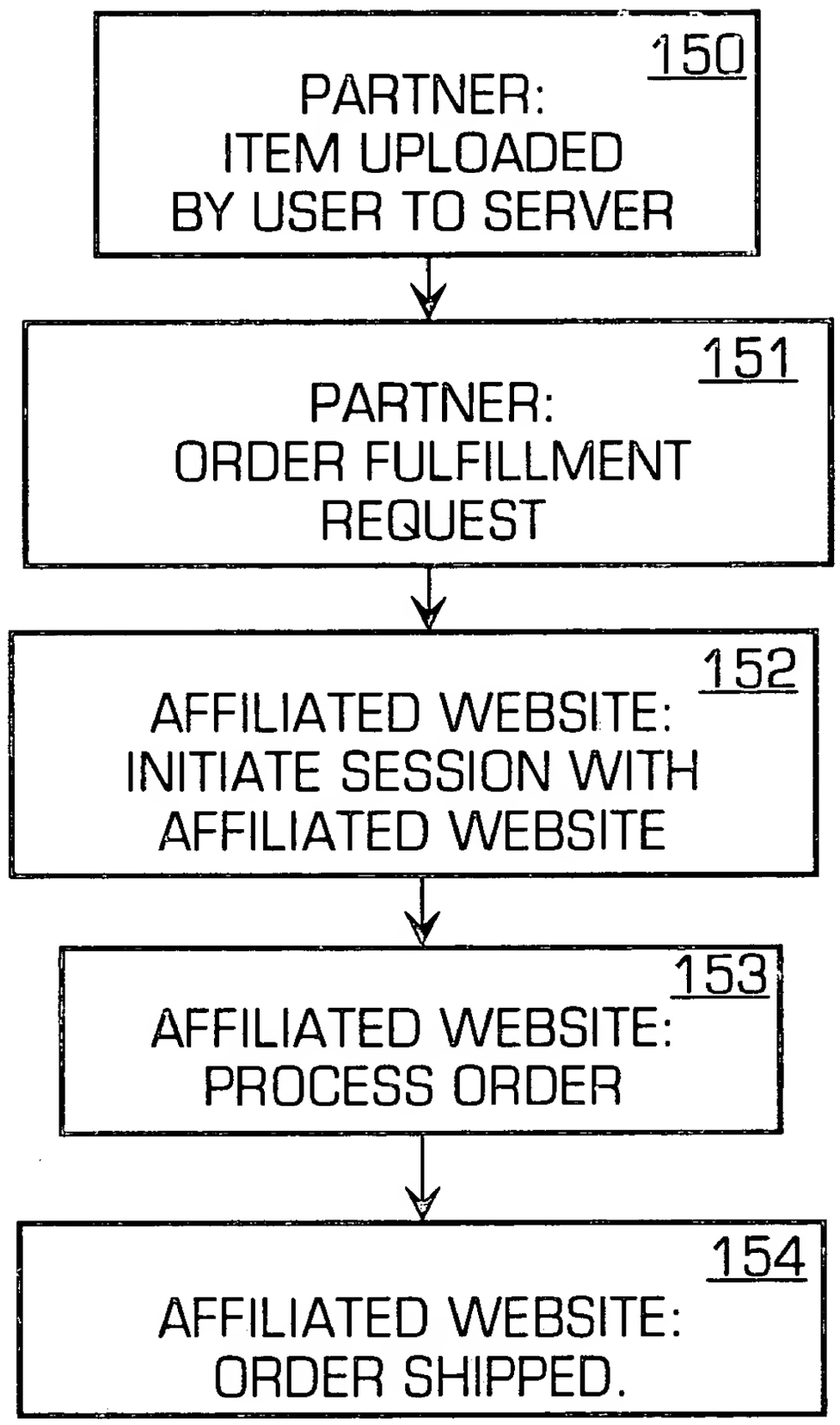
150
PARTNER:
ITEM UPLOADED
BY USER TO SERVER
151
PARTNER:
ORDER FULFILLMENT
REQUEST
152
AFFILIATED WEBSITE:
INITIATE SESSION WITH
AFFILIATED WEBSITE
153
AFFILIATED WEBSITE:
PROCESS ORDER
154
AFFILIATED WEBSITE:
ORDER SHIPPED.

FIG. 12

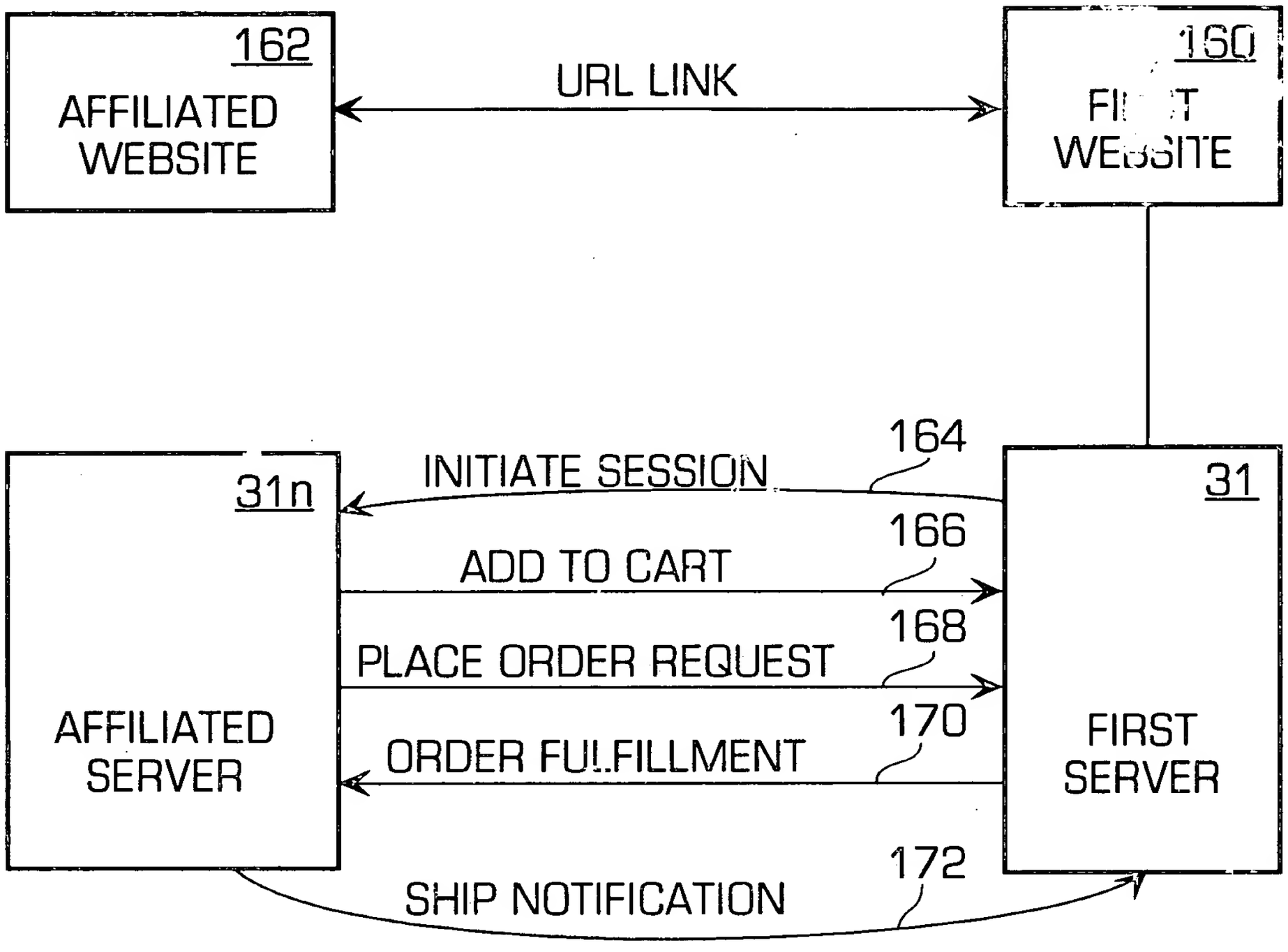
162
AFFILIATED WEBSITE
URL LINK
160
FIRST WEBSITE
31n
AFFILIATED SERVER
INITIATE SESSION
164
ADD TO CART
166
PLACE ORDER REQUEST
168
ORDER FULFILLMENT
170
SHIP NOTIFICATION
172
31
FIRST SERVER

FIG. 13